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- 1. A method for treating peripheral artery disease in a patient, said method comprising administering to said patient a therapeutically effective amount of fibroblast growth factor (RGF), wherein said therapeutically effective amount of FGF is divided into two doses and a single dose is administered into each leg of said patient within a one hour period.
- 2. The method of claim 1, wherein said FGF is administered by intra-arterial infusion (IA) into at least one artery of each leg of said patient.
 - 3. The method of claim 2, wherein said FGF is administered into the common femoral artery of each leg of said patient.
- 15 4. The method of claim 3, wherein said FGF is administered via bilateral delivery using a catheter.
 - 5. The method of claim 3, wherein said FGF is administered via direct IA infusion into the common femoral artery of each leg of said patient.

- 6. The method of claim 1, wherein said FGF is administered by one or more intramuscular (IM) injections.
- 7. The method according to claim\1, wherein said peripheral artery disease is evidenced by claudication.
 - 8. The method according to claim 7, wherein said patient has critical limb ischemia.
- 30 9. The method of claim 1, wherein said FGF is FGF-2.



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10. The method of claim 9, wherein said FGF-2 is a recombinant molecule.

- 11. The method of claim 10, wherein said FGF-2 comprises the sequence set forth in Figure 2 (SEQ ID NO:2), Figure 3 (SEQ ID NO:4), Figure 4 (SEQ ID NO:6), Figure 5 (SEQ ID NO:8) or an angiogenically active fragment or mutein thereof.
- 12. The method of claim 11, wherein said mutein comprises an FGF-2 molecule wherein at least one constituent cysteine residue is replaced by a neutral amino acid.
- 13. The method of claim 12, wherein the neutral amino acid is serine or threonine.
- 14. The method of claim 11, wherein said FGF-2 is administered simultaneously with another molecule selected from the group consisting of heparin and other proteoglycan.
 - 15. The method of claim 14, wherein said heparin is a low molecular weight molecule.
 - 16. The method of claim 14, wherein said heparin is unfractionated heparin.
 - 17. The method of claim 11, wherein said FGF-2 is administered within about 5 minutes to about 60 minutes of heparin or proteoglycan administration to said patient.
 - 18. The method of claim 17, wherein said FGF-2 is administered within about 20 minutes to about 30 minutes of heparin or other proteoglycan administration to said patient.

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- 19. The method of claim 11, wherein said FGF-2 is administered in the absence of administering a molecule selected from the group consisting of heparin and other proteoglycan.
- 5 20. The method of claim 11, wherein said therapeutically effective amount of FGF-2 is administered to said patient once in a 24 hour period.
 - 21. The method of claim 11, wherein said therapeutically effective amount of FGF-2 is administered to said patient once a week.
 - 22. The method of claim 11, wherein said therapeutically effective amount of FGF-2 is administered to said patient once a month, once every 2 months, once every 3 months, once every four months, once every five months, or once every six months.
- The method of claim 11, wherein said therapeutically effective amount of FGF-2 is administered as an adjunct to vascular surgery, mechanical bypass surgery, angioplasty, or angiogram.
- 24. The method of claim 11, wherein said therapeutically effective amount of
 20 said FGF-2 or said angiogenically active fragment or mutein thereof is about 0.1 μg/kg to about 1 μg/kg.
 - 25. The method of claim 11, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 1 μ g/kg to about 3 μ g/kg.
 - 26. The method of claim 11, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 3 μ g/kg to about 5 μ g/kg.

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2λ. The method of claim 11, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 5 μ g/kg to about 7 μg/kg

- 5 28. The method of claim 11, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 7 μ g/kg to about 9 μ g/kg.
- 29. The method of claim 11, wherein said therapeutically effective amount of 10 said FGF-2 or said angiogenically active fragment or mutein thereof is about 9 μ g/kg to about 10 μ g/kg.
 - The method of claim\11, wherein said therapeutically effective amount of 30. said FGF-2 or said angiogenically active fragment or mutein thereof is about 10 µg/kg to about 15 μ g/kg.
 - 31. The method of claim 11, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 15 μ g/kg to about 20 μ g/kg.
 - The method of claim 11, wherein said therapeutically effective amount of 32. said FGF-2 or said angiogenically active fragment or mutein thereof is about 20 μ g/kg to about 25 μ g/kg.
- The method of claim 11, wherein said therapeutically effective amount of 25 33. said FGF-2 or said angiogenically active fragment or mutein thereof is about 25 μ g/kg to about 30 μ g/kg.
- 34. The method of claim 11, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 30 μg/kg to 30 about 40 μ g/kg.

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- 35. The method of claim 11, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 40 μ g/kg to about 50 μ g/kg.
- 36. The method of claim 11, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 4 μ g to about 0.3 mg.
- The method of claim 11, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 0.3 mg to about 3.5 mg.
- 38. The method of claim 37, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 1.0 to about 2.0 mg.
 - 39. The method of claim 37, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 2.0 to about 3.5 mg.
 - 40. The method of claim 9, wherein said FGF-2 is administered to said patient by intra-arterial (IA) or intravenous (IV) infusion.
- 25 41. The method of claim 9, wherein said FGR-2 is administered to said patient by one or more intramuscular (IM) injections.
 - 42. The method of claim 9, wherein said FGF-2 is administered to said patient by subcutaneous (SC) injection.

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- The method of claim 9, wherein said administering of FGF-2 provides an improvement in peak walking time (PWT) in said patient relative to PWT in the absence of said administering of FGF-2.
- 5 44. The method of claim 9, wherein said administering of FGF-2 provides an improvement in anklebrachial index (ABI) in said patient relative to ABI in the absence of said administering of FGF-2.
- 45. The method of claim 9, wherein said administering of FGF-2 results in a reduction in body pain.
 - 46. The method of claim 9, wherein said administering of FGF-2 improves stair climbing ability.
- 15 47. The method of claim 9, wherein said administering of FGF-2 reduces the severity of claudication.
 - 48. A method for treating peripheral artery disease in a patient, said method comprising administering to said patient a therapeutically effective amount of fibroblast growth factor-2 (FGF-2), wherein said therapeutically effective amount is about 0.1 μ g/kg to about 9.9 μ g/kg.
 - 49. The method of claim 48, wherein said therapeutically effective amount of FGF-2 is administered as part of a pharmaceutical composition.
 - 50. The method of claim 49, wherein said pharmaceutical composition is a stabilized FGF-2-DTT formulation.
- 51. The method of claim 48, wherein said FGF-2 is administered simultaneously with another molecule selected from the group consisting of heparin and other proteoglycan.

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The method of claim 48, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 0.1 μ g/kg to about 1 μ g/kg.

- 53. The method of claim 48, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 1 μ g/kg to about 3 μ g/kg.
- The method of claim 48, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 3 μ g/kg to about 5 μ g/kg.
- The method of claim 48, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 5 μ g/kg to about 7 μ g/kg.
 - 56. The method of claim 48, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 7 μ g/kg to about 8 μ g/kg.
 - 57. The method of claim 48, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 8 μ g/kg to about 9 μ g/kg.

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58. The method of claim 48, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or matein thereof is about 9 μ g/kg to about 9.9 μ g/kg.

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The method of claim 48, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 7.0 μ g to about 0.7 mg.

- 5 60. The method of claim 59, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 9.0 μ g to about 0.5 mg.
- 61. The method of claim 60, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 0.1 mg to about 0.4 mg.
 - 62. The method of claim 61, wherein said therapeutically effective amount of said FGF-2 or said angiogenically active fragment or mutein thereof is about 0.1 mg to about 0.2 mg.
 - 63. The method of claim 48, wherein said FGF-2 is administered to said patient by intra-arterial (IA) or intravenous (IV) infusion.
- 20 64. The method of claim 48, wherein said FGF-2 is administered to said patient by one or more intramuscular (IM) injections.
 - 65. A method for improving peak walking time in a patient with intermittent claudication, said method comprising administering to said patient a therapeutically effective amount of fibroblast growth factor (FGF), wherein said therapeutically effective amount of FGF is divided into two doses and a single dose is administered into each leg of said patient within a one hour period.
 - 66. The method of claim 65, wherein said FGF is FGF-2.

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- The method of claim 66, wherein said therapeutically effective amount of said FGF-2 is about 0.1 μ g/kg to about 1 μ g/kg.
- 68. The method of claim 66, wherein said therapeutically effective amount of said FGF-2 is about 1 μ g/kg to about 3 μ g/kg.
 - 69. The method of claim 66, wherein said therapeutically effective amount of said FGF-2 is about 3 μ g/kg to about 5 μ g/kg.
- The method of claim 66, wherein said therapeutically effective amount of said FGF-2 is about 5 μ g/kg to about 9 μ g/kg.
 - 71. The method of claim 66, wherein said therapeutically effective amount of said FGF-2 is about 9 μ g/kg to about 10 μ g/kg.
 - 72. The method of claim 66, wherein said therapeutically effective amount of said FGF-2 is about 10 μ g/kg to about 20 μ g/kg.
- 73. The method of claim 66, wherein said therapeutically effective amount of said FGF-2 is about 20 μ g/kg to about 30 μ g/kg.
 - 74. A method for improving ankle-brachial index in a patient with intermittent claudication, said method comprising administering to said patient a therapeutically effective amount of fibroblast growth factor (FGF), wherein said therapeutically effective amount of FGF is divided into two doses and a single dose is administered into each leg of said patient within a one hour period.
 - 75. The method of claim 74, wherein said FGF is FGF-2.
- The method of claim 75, wherein said therapeutically effective amount of said FGF-2 is about 0.1 μ g/kg to about 1 μ g/kg.

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- 77. The method of claim 75, wherein said therapeutically effective amount of said FGF-2 is about 1 μ g/kg to about 3 μ g/kg.
- 78. The method of claim 75, wherein said therapeutically effective amount of said FGF-2 is about 3 μ g/kg to about 5 μ g/kg.
 - 79. The method of claim 75, wherein said therapeutically effective amount of said FGF-2 is about 5 μ g/kg to about 9 μ g/kg.
 - 80. The method of claim 75, wherein said therapeutically effective amount of said FGF-2 is about 9 μ g/kg to about 10 μ g/kg.
- 81. The method of claim 75, wherein said therapeutically effective amount of said FGF-2 is about 10 μ g/kg to about 20 μ g/kg.
 - 82. The method of claim 75, wherein said therapeutically effective amount of said FGF-2 is about 20 μ g/kg to about 30 μ g/kg.